

Historia Mathematica 11 (1984) 1-2

EDITORIAL

With this first issue of Volume 11, *Historia Mathematica* begins its second decade of publication. This is indeed cause for celebration. The occasion has already been marked by a special session at the recent annual meeting of the History of Science Society in Norwalk, Connecticut, where six papers were delivered in honor of Kenneth O. May and the success of the journal he founded. The papers presented covered a wide spectrum of interests, reflecting the entire sweep of the history of mathematics from antiquity to the present, from the historiography of Greek mathematics to the philosophical and social problems associated with the technology of computers in the 20th century. The papers presented will constitute a special issue of *Historia Mathematica* later this year. In addition to a detailed biography of Kenneth May's life, written by Charles Jones and Philip Enros of the University of Toronto, Canada, with Henry Tropp of Humboldt State University, California, this special issue will contain the following papers presented at the Norwalk meeting of the History of Science Society:

J. L. Berggren (Simon Fraser University): "Issues in Modern Historiography of Ancient Greek Mathematics"

Bernard R. Goldstein (University of Pittsburgh): "Medieval Descriptions of Computational Devices in Hebrew"

Michael S. Mahoney (Princeton University): "Changing Canons of Mathematical and Physical Intelligibility in the Later 17th Century"

Helena M. Pycior (University of Wisconsin, Milwaukee): "Internalism, Externalism, and Beyond: 19th-Century British Algebra"

Thomas Hawkins (Boston University): "Eduard Study and the Leipzig School of Sophus Lie"

Judith V. Grabiner (California State University, Dominguez Hills): "Artificial Intelligence: Historical Ideas about Its Uses and Abuses"

Moreover, as the current Editor of *Historia Mathematica*, I am pleased to announce that, as the journal begins its second decade, we will change the format of the journal from typescript to conventional typesetting. This change to a typeset format, which will begin with Volume 11, Number 3, is another, and in fact the last, step toward complete professionalization of the journal--one that would have pleased Ken May very much. It is

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both fitting and encouraging that as the strength of *Historia Mathematica* is reflected in its having completed its first decade of publication, Academic Press has chosen to reflect its confidence as Publisher in adopting a format that will not only enhance the appearance of the journal, but will make it possible to set properly complex mathematical formulas in virtually any notation currently used by the mathematical community.

A concomitant advantage of the new format is the economy of space it will make possible. For the first time, we will be able to accommodate longer studies that previously would have been beyond the capabilities of the journal. Consequently, in one of the earliest issues using the journal's new format, a paper written by Garrett Birkhoff of Harvard University and Erwin Kreyszig of the University of Windsor, Canada will appear: "The Establishment of Functional Analysis." This paper analyzes the development of functional analysis from its beginnings to about 1933, emphasizing the decisive events of the years 1928-1933, which constitute in some sense the climax of this development.

When Kenneth May published the first issue of *Historia Mathematica* ten years ago this month, it was basically a one-man operation in which he served as Editor, Managing Editor, and Book Review and Abstracts Editor, overseeing virtually all phases of the journal's production himself, with secretarial help at the University of Toronto. Today these various aspects of the journal are overseen by separate individuals, with the actual production of each issue managed by the Journal Production Department of Academic Press. Esther Phillips, as Managing Editor, arranges (in conjunction with the journal's Board of Associate Editors) for the reviewing of all articles submitted to *Historia Mathematica*. Judy Grabiner and Albert C. Lewis handle the business of Book Reviews and Abstracts, respectively, and it is a pleasure for me as Editor to acknowledge their sustained efforts on the journal's behalf. As *Historia Mathematica* enters its second decade, we can all be grateful for their dedication, and above all, for their part in ensuring that the journal will continue to perform an essential, invaluable service for the international community of historians of mathematics in the decades to come.

Joseph W. Dauben
Editor